

Amendments to the Claims

Please amend the claims as indicated.

1. (Currently amended) An apparatus for providing improved interaction to a user of a pointing device, the apparatus comprising:
 - a pointing device interface module configured to interface with a pointing device;
 - an event buffer configured to receive pointing device events generated by a user;
 - the pointing device interface module residing at the driver level of an operating system further configured to inventory a buffered pointing device event quantity and a buffered pointing device event type for the buffered pointing device events;
 - a feedback module configured to intercept pointing device events sent by the pointing device interface module to an application interface module comprising an operating system process, the feedback module further configured to provide feedback to the user, the feedback comprising a dialog listing the buffered pointing device event quantity and the buffered pointing device event type for the buffered pointing device events and pointing device events passed to a receiving process, wherein the feedback module comprises a device driver residing on the driver level of an operating system;
 - wherein the feedback module is further configured to provide pointing device events to the application interface module; and
 - wherein the pointing device interface module and the feedback module comprise one or more of hardware and executable code, the executable code stored ~~on-one or more a computer readable storage media medium~~.

2. (Canceled)
3. (Previously presented) The apparatus of claim 1, wherein the receiving process is an application process.
4. (Previously presented) The apparatus of claim 1, wherein the receiving process is an operating system process.
5. (Previously presented) The apparatus of claim 1, wherein the feedback further comprises audible feedback.
6. (Canceled)
7. (Previously presented) The apparatus of claim 1, wherein the feedback further comprises tactile feedback.
8. (Canceled)
9. (Original) The apparatus of claim 1, wherein the pointing device is selected from the group consisting of a mouse, a pen, a digitizing tablet, a trackball, a touch pad, a touch screen, a pointing stick, a data glove, and a gesture recognizer.
10. (Previously Presented) A method for providing improved interaction to a user of a pointing device, the method comprising:
receiving pointing device events initiated by a user into a buffer;

inventorying a buffered pointing device event quantity and a buffered pointing device event type for the buffered pointing device events; directing pointing device events from the buffer to a receiving process; and providing feedback to the user, through a device driver residing on the driver level of an operating system, wherein the feedback is provided without invoking an application interface process of an operating system, the feedback comprising a dialog listing the buffered pointing device event quantity and the buffered pointing device event type for the buffered pointing device events and pointing device events passed to the receiving process.

11. (Canceled)
12. (Original) The method of claim 10, wherein the receiving process is an application process.
13. (Original) The method of claim 10, wherein the receiving process is an operating system process.
14. (Original) The method of claim 10, further comprising inventorying the pointing device events.
15. (Canceled)
16. (Canceled)

17. (Previously presented) The method of claim 10, wherein providing feedback further comprises providing audible feedback.
18. (Previously presented) The method of claim 10, wherein providing feedback further comprises providing visual feedback.
19. (Previously presented) The method of claim 10, wherein providing feedback further comprises providing tactile feedback.
20. (Canceled)
21. (Previously presented) The method of claim 10, wherein providing feedback further comprises providing tactile feedback selected from the group consisting of force, pressure, vibration, surface actuation, and motion.
22. (Original) The method of claim 10, wherein receiving pointing device events comprises interfacing to a pointing device selected from the group consisting of a mouse, a pen, a digitizing tablet, a trackball, a touch pad, a touch screen, a pointing stick, a data glove, and a gesture recognizer.
23. (Previously presented) The method of claim 10, further comprising providing feedback options to a user selected from the group consisting of screen flash options, indicator light options, cursor color options, cursor shape options, audible sound options, icon options, vibration options, and motion options.

24. (Currently amended) An apparatus for providing improved interaction to a user of a pointing device, the apparatus comprising:

means for buffering pointing device events initiated by a user;

means for inventorying a buffered pointing device event quantity and a buffered pointing device event type for the buffered pointing device events without invoking one or more application interface operating system processes;

means for directing buffered pointing device events to a receiving process; and

means for providing feedback to the user without invoking one or more application interface operating system processes, the feedback comprising a dialog listing the buffered pointing device event quantity and the buffered pointing device event type for the buffered pointing device events and pointing device events passed to the receiving process;

wherein the means comprise one or more of hardware and executable code, the executable code stored on ~~one or more~~ a computer readable storage media medium.

25. (Previously Presented) A system for providing interaction to a user of a pointing device, the system comprising:

a pointing device;

a CPU configured to execute at least one process;

a monitor configured to display interface elements corresponding to the at least one process;

an event buffer configured to receive pointing device events generated by a user;

a pointing device interface module residing at the driver level of an operating system configured to interface with the pointing device and to inventory a

buffered pointing device event quantity and a buffered pointing device event type for the buffered pointing device events; and

a feedback module residing at the driver level of an operating system, configured to provide feedback to the user without invoking an application interface process at the operating system level, the feedback comprising a dialog listing the buffered pointing device event quantity and the buffered pointing device event type for the buffered pointing device events and pointing device events passed to a receiving process.

26. (Previously presented) The system of claim 25, wherein the pointing device is selected from the group consisting of a mouse, a pen, a digitizing tablet, a trackball, a touch pad, a touch screen, a pointing stick, a data glove, and a gesture recognizer.

27. (Currently amended) A computer readable storage medium comprising computer readable program code for providing improved interaction to a user of a pointing device, the program code configured to conduct a method comprising:

receiving pointing device events initiated by a user into a buffer;

inventorying a buffered pointing device event quantity and a buffered pointing device event type for the buffered pointing device events;

directing pointing device events from the buffer to at least one process; and

providing feedback to the user through a device driver residing on the driver level of an operating system, wherein the feedback is provided without invoking an application interface process of an operating system, the feedback comprising a dialog listing the buffered pointing device event quantity and

the buffered pointing device event type for the buffered pointing device events and pointing device events passed to the at least one process.

28. (Canceled)

29. (Canceled)

30. (Canceled)